



VI Latin American NMR School - Program

WEDNESDAY – SEPTEMBER 26		THURSDAY – SEPTEMBER 27		FRIDAY – SEPTEMBER 28	
8:15AM - 9:00AM	Registration	Strategies for high throughput metabolic profiling. <i>E. Holmes - Imperial College London</i>		Structure and local order in solids through NMR techniques. <i>J. Schneider - Universidad de São Paulo.</i>	
9:05AM - 9:50AM	What can solid-state NMR do for me? <i>O. Lafon - Université de Lille</i>	Introducción a manejo de datos y estadística multivariada. <i>J. Wist- Universidad del Valle</i>		qNMR: Quantitation and purity analysis by NMR. <i>J. Bisson-University of Illinois</i>	
Coffee		Coffee		Coffee	
10:30AM - 11:15AM	NMR based Screener concepts using Metabolomics Routines: From Food to Clinical and beyond. <i>V. Jauregui - Bruker</i>	Structural and peptide interactions by NMR. <i>L. Tinocco- Universidade Federal do Rio do Janeiro</i>		The Periodic Table of NMR: opportunities and challenges in structure and dynamics studies. <i>J. Schneider - Universidad de São Paulo.</i>	
11:20AM - 12:05AM	Molecular interactions by NMR. <i>L. Tinocco-Universidade Federal do Rio do Janeiro</i>	NMR metabolic profiling analysis - a user's perspective. <i>T kimhoffer- Imperial College London</i>		NMR based approaches to understanding the influence of nutrition of human health. <i>E. Holmes - Imperial College London</i>	
12:10AM - 12:55AM	Short talks - Section I	Short talks - Section II		Understanding NMR data processing. <i>J. Bisson-University of Illinois.</i>	
Lunch		Lunch		Closing	
2:15PM - 3:00PM	Sharing RAW data to enhance the quality of science. <i>J. Bisson - University of Illinois</i>	Mediciones de difusión por NMR. <i>C. Pantoja</i>			
3:05PM - 3:50PM	Ligand macromolecule interactions. <i>L. Tinoco-Universidade Federal do Rio do Janeiro</i>	Poster			
Coffee					
4:30PM - 5:15 PM	How can I do NMR on materials? <i>O. Laffon-Université de Lille</i>				
5:30PM - 6.30 PM	Welcome Cocktail				

Short talks - Section I	
12:10-12:35:	Using NMR for analysis of mechanisms in Ion detection. <i>A Tigreros -Universidad de los Andes.</i>
12:35-12:55:	Estructuras moleculares representativas de asfaltenos de material bituminoso, obtenidas mediante espectroscopia de RMN. <i>J. Poveda - Universidad Industrial de Santander.</i>
Short talks - Section II	
12:10-12:20:	Self-Diffusion of a water soluble resorcinarene in water and aqueous urea solutions. <i>L Velazquez - Universidad Antonio Nariño.</i>
12:20-12:30:	Proton NMR studies of Bovine Serum Albumin and possible interaction with water soluble resorcinarenes. <i>K. Segura - Universidad Antonio Nariño.</i>
12:30-12:40:	Cytotoxic evaluation <i>in vitro</i> and <i>in silico</i> of a library of marine diterpenes. <i>A. Forero - Universidad Nacional.</i>
12:40-12:50 :	¹H-NMR Spectroscopy in the Diagnosis of Inborn Errors of Small Molecule Metabolism. <i>N. Pulido - Universidad Javeriana.</i>
Poster	
Estimación de coeficientes de autodifusión en sustancias puras vía resonancia magnética nuclear. <i>L Guastar</i>	
¹H-NMR spectroscopic and thermogravimetric research regarding alcohol interaction with tyrosine-derived azacyclophanes. <i>H Martinez</i>	
Metabolite fingerprinting in SH-SY5Y cells infected with dengue virus using NMR. <i>L Mena</i>	
NMR-Based metabolic profiling as an approach to prioritize marine bacteria for phytopathogenic control. <i>J Cardenas.</i>	
Caracterización de propóleo rojo colombiano mediante resonancia magnética nuclear. <i>G Salamanca</i>	
NMR metabolomics of the effect of oxidative stress in bacterial cells. <i>D García</i>	